

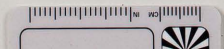
AIM Ann Report
1933 to 1934

ANNUAL REPORT
OF THE
AUCKLAND
INSTITUTE
AND MUSEUM
1933-34



Adopted at the Annual General
Meeting held on 30th May, 1934.

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AUCKLAND
1934

Staff of the Museum.

Director	GILBERT ARCHNEY, O.B.E., M.A., F.R.S.N.Z.
Hon. Numismatist	J. C. ENTRICAN.
Hon. Curator of English China ..	C. REGINALD FORD, F.R.I.B.A.
Hon. Technical Assistant	W. K. HOUNSELL.
Assistant Director and Zoologist ..	L. T. GRIFFIN, F.Z.S.
Botanist	LUCY M. CRANWELL., M.A.
Ornithologist	R. A. FALLA, M.A.
Conchologist and Palaeontologist ..	A. W. B. POWELL.
Assistant Ethnologist	V. F. FISHER.
Associate Geologist	C. W. FIRTH, M.Sc.
Honorary Assistant	OLWYN M. RUTHERFORD.
Librarian	M. C. CLELAND.
Bookkeeper and Typist	MURIEL PORTER.
Typist	HEATHER GRAHAM.
Recorder	DOROTHY HESSELL.
Mechanic	EDWIN LEECE.
Taxidermist	E. C. DOVER.
Cabinetmaker and Joiner	FRANK QUAYLE.
Custodian	W. HAWKE.

Attendants :

E. PURDOM, J. L. DAVY, B.C.M., E. PIERARD, M. HOLDSWORTH,
J. STEWART.

OFFICERS
OF THE
AUCKLAND INSTITUTE
AND
MUSEUM
1934-1935

President:

SIR CECIL LEYS.

Vice-Presidents:

MR. H. E. VAILE.

MR. A. G. LUNN.

PROFESSOR H. W. SEGAR, M.A., F.R.S.N.Z.

Council:

MR. J. C. ENTRICAN.

THE HON. SIR JAMES PARR,

MR. C. R. FORD, F.R.I.B.A.

K.C.M.G.

THE HON. SIR GEO. FOWLDS,
C.B.E.

MR. A. T. PYCROFT.

MR. A. H. JOHNSTONE, K.C.

MAJOR-GEN. SIR GEO. RICH-
ARDSON, K.B.E., C.B., C.M.G.

SIR JOSEPH SMITH, C.I.E.

SIR CARRICK ROBERTSON,
F.R.C.S.

MR. F. CROSSLEY MAPPIN.

PROFESSOR A. P. W. THOMAS,
M.A., F.L.S., F.R.S.N.Z.

MR. H. C. McCOY.

Representatives of the Auckland City Council:

HIS WORSHIP THE MAYOR, G. HUTCHISON, Esq., C.M.G.

MR. T. BLOODWORTH.

MR. A. J. ENTRICAN.

MR. J. B. PATERSON.

Representatives of Local Bodies:

MR. S. DONALDSON.

MR. S. W. HOUSE.

Clements
MR. J. C. RENNIE.

Trust Board:

PROFESSOR A. P. W. THOMAS,
Chairman.

MR. A. G. LUNN.

MR. O. NICHOLSON.

SIR CECIL LEYS.

MR. H. E. VAILE.

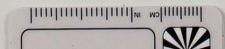
Director:

GILBERT ARCHER, O.B.E., M.A., F.R.S.N.Z.

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THE HON. SIR EDWIN MITCHELSON, K.C.M.G., M.L.C.
President, 1915-1916.



Reports to Members.

President.

In presenting this Report of the fourth year of work in the new building and under the new conditions, I may reasonably congratulate not only our own members, but all the citizens of Auckland on the continued satisfactory functioning of the Institute and Museum in the various directions in which it has spread its activities, and which will be indicated in detail in the reports to follow.

Membership.—The membership at the beginning of the year consisted of 156 Life Members and 412 Annual Subscribers, making a total of 568. During the year we have lost 15 members by death, and no less than 60 by resignation and removal. On the other hand, 22 new members have been elected, so that the year concluded with a roll of 515, and of these 151 are Life Members. There is thus a net loss of 53 members. This unfavourable result is very largely the consequence of the trade depression, which has seriously crippled the resources of so many citizens.

It is interesting to note that Professor A. P. W. Thomas has completed 51 years of membership this year.

Obituary.—The losses from death during the year were heavy. That of the Hon. Sir Edwin Mitchelson did not fall actually within the financial year, but it is impossible on this occasion to omit to express the deepest regret at the loss of so valuable a citizen. Sir Edwin was President in the years 1915-1916, and for the many years he was a member of the Council he gave the wisest advice to its members. Sir Alfred Bankart died during the year. His great services as chairman of the Committee that raised the necessary funds and brought this great building into being, cannot be too long or too favourably remembered.

We have also to record with regret the deaths of Mrs. F. Mason and Messrs. John Court, C. J. Schnauer, J. J. O'Brien, Robert Burns, H. Pentland Norton, H. B. Matthews, D. A. Hay, S. Gray, J. W. Coleman, R. Kirk, S. A. Smith, J. J. Bishop and A. B. Robertson. Of these Messrs. H. B. Matthews and J. J. Bishop were noted for their botanical studies, the former for his work on N.Z. orchids in particular.

Council.—Ten meetings of the Council have been held, and the attendances of its members, and their interest in the work of the Council, have been excellent.

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Some members of the Council, however, have given service not only by attending its meetings, but also in other ways; notably Messrs. H. E. Vaile and F. C. Mappin, by making generous gifts; Sir Carrick Robertson and Messrs. Mappin and A. T. Pycroft, accompanied by the Director, by collecting important specimens; and Messrs. C. R. Ford and J. C. Entrican by undertaking honorary curatorships.

The Council has recently given consideration to proposals made by a southern society for changes in the constitution of the Royal Society of New Zealand, but no definite decisions have as yet been arrived at.

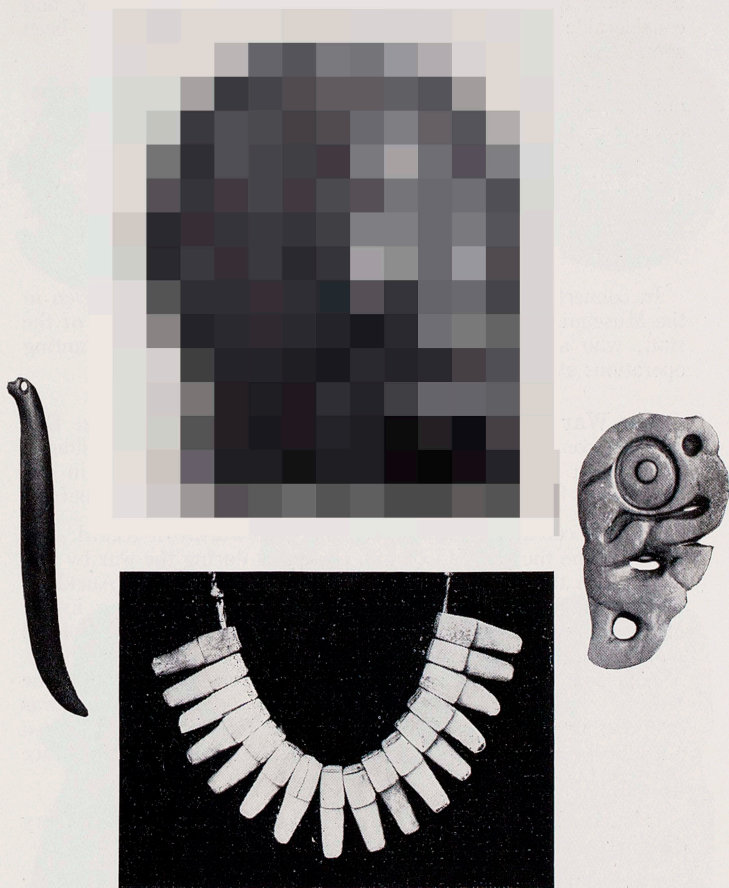
Finance.—The revenue for the year was £7,882, which is £89 higher than last year, whilst the expenditure was £7,720, showing a reduction of £170. This improved financial position is the result of deferring the purchase of necessary equipment lest certain items of revenue should not materialize.

The increased expenditure on specimens was made possible by generous donations for the purpose; and books for the library to the value of £70 are on order. A new item in the receipts is worthy of special notice. It is a donation of £20, which is transferred to a special Accumulating Endowment Fund. This is from a lady member, who hopes that, in the interests of the future security of the institution's finances, members and friends will add to the fund, either by immediate subscriptions or by bequests, so that a really substantial endowment fund may eventually be accumulated. This member's valuable suggestion and her practical lead will be cordially appreciated by members.

The commendation of the public service rendered by the Museum, found in the Museums Association Report to the Carnegie Corporation, will no doubt be an assurance to the contributing local authorities, as well as to members, that their funds are being carefully administered in the interests of science and of public education and recreation.

Museum.—The Museum continues to receive numerous gifts of specimens for all departments, and among these special mention should be made of an important collection of Maori weapons, implements and ornaments, presented as an addition to the Vaile Collection, and another important and extensive ethnographical collection from Northern Melanesia by a prominent citizen. A sum of some £2,500 is still required to secure collections of great value which may otherwise be dissipated or leave the country.

In line with the Museum's Māori cultural permissions process, this image has been removed from the Annual Reports online.



TATTOOED HEAD AND CURVED PENDANT.
Vaile Collection.

TAIARI, OR BONE BRACELET.
Lieut.-Col. A. A. Grace.

GREENSTONE PEKAPEKA.
Mr. F. Crossley Mappin.

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Specimens are steadily being added to the general display, and considerable rearrangements and new groupings have been completed.

Members of the contributing Local Bodies and of educational institutions visited the Museum on the evening of 31st October, when, in addition to the usual demonstration of Museum services, there were given displays by the boys' clubs and a screening of cinema pictures of native bird life by Mr. Falla. At this meeting also the prizes awarded for the school displays at the Cheeseman Native Spring Flower Show were presented by His Worship the Mayor.

In connection with Arbor Day special addresses were given in the Museum to teachers and horticulturists by the members of the staff, who also addressed the children during the tree-planting operations at the several schools.

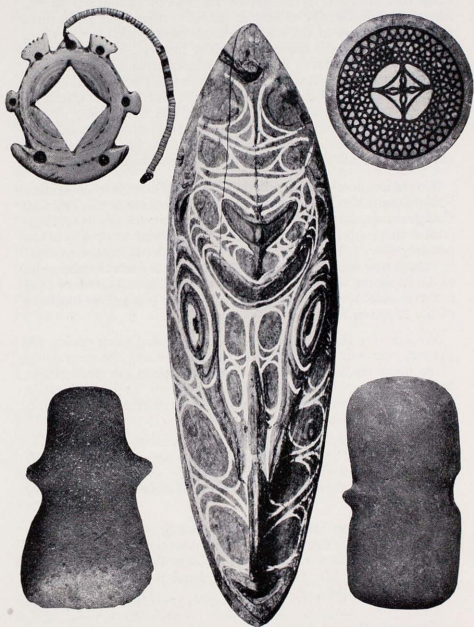
The War Memorial.—The Anzac Day and the Armistice Day services conducted at the Cenotaph by the Returned Soldiers' Association have now both a definite and a secure place in our community life, and occasion even larger gatherings than before.

Another ceremony during the past year is worthy of record. On the 4th June the King's Colours, presented during the war by His Majesty to the first, second and third battalions of the Auckland Regiment, N.Z.E.F., were handed over for safe keeping in the Museum by Colonel Sir Stephen Allen, C.M.G., D.S.O., Colonel A. A. Plugge, C.M.G., and Major the Rt. Hon. J. Gordon Coates, M.C., at a special parade at which ex-service members of the Regiment provided the Guard of Honour. The ceremony was attended by His Excellency the Governor-General, who delivered an address after the consecration of the Colours by His Grace the Archbishop.

It is hoped that the Hall of Memories may become the repository of other appropriate historical colours and flags.

The Roll of Honour Committee of the Returned Soldiers' Association advises that the designs for the stained glass windows for the Memorial Shrine will soon be at hand.

Educational Activities.—Immediately after the opening of the War Memorial Museum an active educational programme was instituted by the Director and Staff. These activities have been steadily extended through increased demands for them and responsive appreciation of the services provided.



ARTICLES FROM THE LARGE MELANESIAN COLLECTION
RECENTLY PRESENTED.

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It will be seen how extensive this service now is when we consider that last year it comprised six special exhibitions in the Museum, nine Sunday afternoon public lectures, and 76 lectures given by members of the staff to outside organizations. Over and above these were the activities specially intended for schools and for children, and these included the circulation of 30 cases of special school exhibits among public schools, the organization of four boys' and girls' clubs in the Museum, with over 70 members, a special weekly class for blind children, and the holding of two display competitions for pupils in the secondary schools. An extensive set of lantern slides and cinema films has also been produced by the staff as equipment for this educational service.

Through the welcome co-operation of the Director of Education in appointing Mr. E. G. Jones, Lecturer in Science at the Training College, as special Museum Educational Officer for one year, there is now in progress a programme of educational work which has not only extended the services previously undertaken, but has also instituted new activities, such as regular primary school class visits to the Museum, work in the schools by the Education Officer, and lectures, lessons, and broadcasts to schools by him and by members of the Museum Staff.

We are sure that the success of this extended work during the present year will demonstrate its great value and the desirability of its being continued, and we desire to express our appreciation both of the opportunity placed in our hands by the Education Department and of the assistance in this work given by the Auckland Education Board.

Staff.—It has become customary to eulogize the staff for their work during the year. They are certainly as deserving of such recognition as in former years by reason of their capacity, industry and enthusiasm.

During the year Mr. L. T. Griffin, F.Z.S., completed 25 years of service with the Council, who suitably recognized the event, and it is desired here to put on record the Council's appreciation of the valuable services Mr. Griffin has rendered the Council during a quarter of a century.

Carnegie Report.—The Report of the Museums of Australia and New Zealand by Mr. S. F. Markham, Carnegie Corporation Visitor, and his colleagues, Professor H. S. Richards and Mr. W. R. B. Oliver, expresses such high appreciation of site, building, arrangement of exhibits and educational work, that all responsible

to any degree of any of these may well feel somewhat proud. But if we are to progress we must keep our minds on our deficiencies rather than our merits. The Report tells us that "the provision for the Staff is quite inadequate," and that they have "for the most part to occupy small rooms built in the large store rooms." It is all the more credit to our Staff that they produce such excellent results, for as the Report adds, "to get the best results it is necessary to provide the best accommodation." The Report points out various directions in which the work of the Museum could be expanded; amongst others in making ethnographical, biological, and geological surveys of the nearer groups of islands in the Pacific; in developing departments of technology, meteorology, geography, agriculture, veterinary science and maritime exhibits; in providing for curators meeting one another and visiting the up-to-date Museums in America and Europe; and in a considerable expansion of Museum work in schools, colleges and other outside bodies. These possibilities put us rather severely up against the problem of ways and means. There is therefore some consolation in the suggestion of the Report that an "outside body" might profitably make grants at least for these latter objects, and I conclude this report with the sincere hope that this assistance will actually be forthcoming.

H. W. SEGAR.

Chairman, Trust Board.

Six meetings of the Trust Board have been held during the year.

The invested funds of the Institute and Museum have been increased by £184, comprising £143 additions to the Museum Endowment Account, £21 Life Members' Subscriptions, and £20 special donation to an Accumulating Endowment Fund, and now total £28,607.

The amount standing to the credit of the investment fund at the beginning of the year, £1,161, was invested in Local Body debentures, and there is now the sum of £179 awaiting investment.

It will be understood that with recent legislation, including the conversion of Local Body debentures, the return from investments will be lower in the future. The addition, therefore, of £184 to our capital has been welcome, and it is evidently desirable that the investment fund should be strengthened to meet future possible losses of interest.

A. P. W. THOMAS.

Director.

Institute Meetings.—In addition to the customary programme of six evening lectures and three ordinary meetings, we were able to arrange six additional lectures from overseas visitors. A wide range of subjects was presented, and we are indebted to our lecturers for a series of very interesting addresses:—

Dr. E. Marsden, M.C., F.N.Z.Inst.—“Search for Gold by Geophysical Prospecting.”

Dr. Harold T. Stearns—“Thermal Activity.”

Dr. Harold T. Stearns—“The Volcanic Cycle of Kilauea.”

Mr. E. Phillips Turner, F.R.G.S.—“Forestry in the Past, Present and Future in New Zealand.”

Mr. Kenneth Mackenzie, M.D., F.R.C.S.—“Medicine Among Savages.”

Mr. A. T. Pycroft—“A Visit to Melanesia.”

Rear-Admiral F. Burges Watson, D.S.O., R.N.—“Torpedo-Boat Destroyers.”

Instructor-Commander M. H. Moyes, R.A.N.—“Recent Antarctic Exploration.”

Professor A. B. Fitt, M.A., Ph.D.—“The Physical and Mental Effects of Changing One's Hemisphere.”

Dr. N. A. Mackintosh—“The ‘Discovery’ Investigations.”

Captain G. M. Turner—“Cinema Bird Studies and Landscapes.”

Dr. T. W. J. Wilson—“Some Aspects of the Circulation.”

The average attendance at the evening lectures was 196.

At the ordinary meetings papers were given by Mr. R. A. Falla, Mr. G. Archey, Mr. V. F. Fisher and Mr. A. W. B. Powell.

Astronomical Section.—The Astronomical Section, which now has a membership of 31, held nine meetings during the year, at which addresses were given by Mr. L. G. Wilson, Dr. D. Brown, Mr. F. H. Sagar, Mr. A. C. Gifford, Mr. L. C. Chatfield, Mr. G. B. Bell, Professor P. W. Burbidge and Mr. E. G. Jones.

The Observatory is still in the Old Grammar School grounds, the unpretentious nature of the building which houses it having prevented our securing permission to transfer it to the Domain. Arrangements have, however, now been made to top some of the trees which obscure parts of the horizon, and better work will now

be possible, despite the general unsuitability of the present site. The Section desires to thank the University College Council and Professor Burbidge for the continued use of the telescope.

Anthropology and Maori Race Section.—The Section continues to meet the increased interest of members in this study. The following lecturers assisted by giving addresses or papers:—Mrs. R. Bennett, Misses O. Adams and O. M. Rutherford, Messrs. G. Archey, V. F. Fisher, G. Graham, A. Porter, A. W. B. Powell, A. T. Pycroft and W. Williams.

Items of special interest included the contribution of papers by members at ordinary meetings of the Institute, an evening meeting in the Museum, and a demonstration of Primitive Drilling Methods by the Boys' Ethnological Club.

Two very successful field days were held, one at One Tree Hill under the leadership of Mr. G. Graham, the other at the Korekore Pa, Muriwai.

Additions to the Collections.—The Maori collection has received many accessions of a wide variety in type, among which are several choice and most interesting pieces. Mention should first be made of the extensive and valuable collection presented as an addition to the Vaile Collection: this includes a preserved head of a fully-tattooed Maori Chief, a carved bone canoe-bailer, and many greenstone and carved bone ornaments and fine old weapons and implements.

Another important and generous gift is that of a collection from Northern Melanesia presented to the Museum by a prominent citizen. This collection, which consists of over 2,000 specimens, comprises a wide range of articles all carefully documented, among them being many types of ornaments, carvings and implements, and, in particular, a very extensive and complete collection of all types of stone adzes.

Interesting collections have been presented by Mrs. E. A. Ward, O.B.E., of Tauranga, Mr. G. W. Henderson, of Taupo, Mr. T. C. Wilson, of Waimai, and Mr. Rowland Smith, of Coromandel, while important individual items are one of the rare "chevrons" pendants given by Mr. Robert A. Laidlaw, a most unusual *peka-peka*, the gift of Mr. Mappin, a carved stone flute from Mr. H. Valder, carved bone bracelets from Nelson, presented by Lieut.-Col. A. A. Grace, N.Z.F.A., and the fine old conch shell trumpet deposited by the Misses Cecil Taylor.

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We welcome the deposit in the Museum by the Arawa Trust Board and by Mrs. Rihi Karenga Taekata of tribal heirlooms of the Arawa people, and hope that other Maori people may come to regard the Museum as a safe repository for their historical possessions.

The ethnographical collections have been augmented by many gifts, among which are several from Mr. George Graham, Gilbert Island collections from Mr. A. F. Ellis, C.M.G., and the Nauru Phosphate Commissioners, and adzes and pounders from eastern Polynesia, presented by Captain Victor Brisson. Two finely modelled terracotta heads of Graeco-Bactrian type from North-West India have been given by Mr. Vaile.

Captain G. Humphreys-Davies has presented a Sung dynasty sage-green celadon plate with incised pattern—from Mr. F. H. Pickwick has come the gift of a pair of mustard-yellow pottery ridge tiles; and Messrs. William Adams, Ltd., have given one of the earliest pieces of Adams blue jasper ware.

The War Museum collections are growing steadily through gifts chiefly from members of the Expeditionary Force; of special interest here is the R.S.A. signed membership card of H.R.H. the Prince of Wales, deposited by the Executive Committee.

Natural history accessions are recorded in the departmental reports, but special reference should be made here to Mr. Edgar F. Stead's gifts of bird skins, nests and eggs, as well as his valuable help in field work and study; and to the collections of European birds' eggs presented by Mr. Mappin, and of native birds' eggs given by the late Mr. H. B. Matthews and Mr. B. L. Chambers, both of which contain records from localities long since cleared of native vegetation.

We have also to thank Mr. R. M. Laing, Dr. H. H. Allan and Mr. J. E. Attwood for repeated additions to the botanical collection.

Special Exhibitions.—Two exhibitions of eastern arts were held last winter, the first, a display of Early Chinese Ceramics, being arranged by Captain G. Humphreys-Davies, who kindly exhibited the extensive collection he had secured on a recent journey to the East. Captain Davies not only arranged and labelled the collection, but also wrote a useful and interesting guide, and contributed towards the cost of its publication.

An exhibition of Indian, Persian and Tibetan art was made possible by the loan of specimens from private collections. Much appreciated contributions to the educational value of this exhibition were the Sunday afternoon lectures given by Mr. Vaile on India, by Mr. C. E. G. Tisdall on Persia, and by the Rev. E. Palgrave Davy on Tibet.

The Cheeseman Native Spring Flower Show was again an outstanding success and gained in cultural and educational value through the associated school childrens' display competitions, which were instituted by Miss Cranwell, and generously supported by the gift of prizes by many friends. Over 42 children contributed entries for this competition, while the special natural history display competition for the Cheeseman Memorial Prizes attracted eight entries of surprisingly high merit. In February Miss Cranwell arranged a special exhibit of the flowers of Australian eucalypts, which aroused interest both locally and among visitors from Australia, and there was recently held an exhibition of Mr. R. S. Lediard's photographs of native birds.

Sunday Afternoon Lectures.—Nine Sunday afternoon lectures were given in the Library during the winter, three being associated with the Special Exhibition of Indian, Persian and Tibetan Art, and another with the Native Spring Flower Show.

The average attendance was 147.

Mr. A. W. B. Powell—"The Chatham Islands."

Mr. R. A. Falla, M.A.—"Introduced Birds."

Miss L. M. Cranwell, M.A.—"Seaweeds and Their Uses."

Mr. H. E. Vaile—"Impressions of India and the North-West Frontier."

Mr. C. E. G. Tisdall—"Through Persia and Mesopotamia."

Rev. E. Palgrave Davy—"Dwellers under the Himalayas."

Rev. Angus MacDonald, O.B.E.—"Stonehenge."

Mr. G. Archey, M.A.—"Human Hair and Human Races."

Mr. T. L. Lancaster, M.Sc.—"New Zealand Plants and Their Cultivation."

We deeply regret the death of the Rev. Angus MacDonald, who took a keen interest in the educational work of the Museum and who always contributed to the series of Sunday afternoon lectures.

Field Study.—The collecting expeditions, referred to in the staff members' reports, combine the acquisition of necessary specimens with field study, which is in itself a contribution to scientific

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knowledge and which also adds value to the specimens obtained. The "Carnegie Report" urges the necessity of repeated field investigations and natural history and ethnographical surveys, a necessity which we fully appreciate. We have received welcome help in this work from Mr. Pycroft, who arranged two launch trips, enabling Mr. Falla, Miss Cranwell and Miss Moore to make studies on the outlying islands. Mr. Mappin again organized a cave-search in the Te Kuiti district, whereby several individual sets of Moa bones, including one perfect and another nearly perfect skeleton were obtained, a trip to the Mt. Arthur Tableland, which Mr. F. G. Gibbs and Mr. W. C. Davies invited me to accompany, produced almost identical results, while the work of the Waitemata Harbour Survey Committee has been vigorously proceeded with through the continued assistance of Dr. Cooper and Mr. Rutherford.

Research and Publications.—Members of the staff have contributed sixteen papers to scientific journals during the year, of which the undermentioned appeared in No. 4 of Volume 1 of the "Records," which were issued in September:—

Miss L. M. Cranwell—"Flora of Manihiki, Cook Group."

R. A. Falla—"New Zealand Petrels: with Descriptions of New Forms and some New Records."

A. W. B. Powell—"The Marine Mollusca of the Chatham Islands."

G. Archey—"Wood Carving in the North Auckland Area."

General.—Total attendance for year ending 31st March, 1934, 142,917, a weekly average of 2,749. This represents a drop of 14,000 and brings us back to nearly the same figure as in 1931.

The members of the staff have given 76 lectures to outside organizations during the year (Mr. Falla 31, Miss Cranwell 14, Mr. Powell 8, Mr. Fisher 13, and the Director 10) and over 3,000 enquiries have been answered.

The public demand for lectures and information is now so extensive that only zealous effort on the part of the staff has made it possible to meet this demand and, at the same time, to undertake the duties inherent in the school service, the collection and preservation of specimens, scientific study, together with the arranging of special exhibitions, and the improvement of the permanent display.

GILBERT ARCHEY.

Assistant Director.

Several additions have been made to both the display and the study collections of fishes, the former including preparations of the rare Unicorn Ribbon Fish, a very large specimen of the Snake Eel, a Mirror Dory, a Ramose Eel, a Silver Eel, and a Turbot. An exhibit was also prepared showing the development of the Cat Shark.

Maintenance work on the reference collection has been continued. Several cases in the Oriental and European Arts Department have been re-arranged and special cases to display Roman glass and other antiquities of English china and silver and ivory have been arranged, while considerable time was occupied in making re-arrangements for the Special Exhibitions of Persian and Indian Art, and of Captain Humphreys-Davies' Early Chinese Antiquities.

Two papers containing studies of New Zealand fishes and descriptions of new species were published in the "Transactions," a paper on the Unicorn Ribbon Fish has been completed, and considerable progress has been made with the revision of the eels of New Zealand.

During vacation visits to Tauranga and Rotorua interesting additions to the Maori ethnographical collection were secured.

Routine duties include answering 350 enquiries, the identification of 31 fishes and the preparation of 351 labels, while 475 photographic negatives and prints of special subjects were prepared.

L. T. GRIFFIN.

Education and School Service.

The appointment by the Education Department of a special Schools Service Officer for one year has enabled us to extend the usual educational service and to introduce new activities.

In 1933 the school cases were kept in circulation and changed monthly by the Education Board, which has, however, now kindly undertaken to renew the fortnightly change. Thirty loan cases and 11 boxes of specimens are in circulation among 42 city schools, and a group of 5 rural schools arranging their own round.

Last year 60 school classes visited the Museum and were assisted by means of question sheets. This year it is possible to guide the classes in the Museum and to give them lantern and cinema lessons. During the first ten weeks of the school year 42 classes totalling 1,749 children were received under this new arrangement.

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Weekly nature study classes for the blind children have been continued by Mr. Falla, Mr. Powell and Mr. Fisher, and the four junior clubs have fully maintained their activities.

In addition to many new lantern slides, two new educational films have been completed and titled:—

"Sea-Bird Homes of Hauraki Gulf."

"Drilling Through the Ages" (film of Ethnology Boys' Club).

Six cinema films and several hundred lantern slides are now available for loan to schools.

Instead of an essay competition for the Cheeseman Memorial prizes, the prizes were offered this year for exhibits prepared by groups representing various secondary schools. There were eight entries, all of high standard; the prizes were awarded as follows: Takapuna Grammar School, Epsom Girls' Grammar School, Auckland Grammar School and King's College.

Additional activities undertaken this year include regular visits to schools to take nature study excursions, to give talks to the classes, to arrange visits to the Museum and to discuss visual education with the teachers.

Thirty-eight teachers have visited the Museum on Saturday mornings to interview the Education Officer, who has also given five special lectures to adults, and answered many enquiries.

Four members of the staff are co-operating in educational broadcasts to schools, giving addresses and contributing material for a special broadcasting booklet.

R. A. FALLA.

E. G. JONES.

Botanist.

Noteworthy additions to the herbarium include Mr. J. E. Attwood's Volcanic Plateau collections, alpine cushion-plants from Mr. Wm. Martin, and marine algae from Mr. E. M. Guest (Chatham Islands). Personal collecting in November added a big suite of specimens, cryptogamic and phanerogamic, from the Hen and Chickens Group in particular. Thanks are due to Miss L. B. Moore, M.Sc., for her share in securing and working up these extremely important coastal collections. Seaweeds from Rarotonga (Mrs. L. Ford) and Australia (Mr. A. H. S. Lucas) and a useful set of Californian conifers (Mr. John T. Howell) have strengthened the foreign collections.

Of greater general appeal have been gifts of plant products for display. There remains the old problem of how to preserve these in an attractive condition after the necessary poisoning and in face of exposure to strong sunlight. Chief amongst accessions of economic interest have been specimens and photographs dealing with rubber (Malaya), sugar-cane, tea, and the production of tobacco and wine in New Zealand. In addition, a series of agricultural seeds was presented by Messrs. Wright, Stephenson, Ltd. Completed displays include (1) Oats, (2) New Zealand pasture grasses and clovers, (3) Life-history of ragwort (for Rangitoto Domain Board), (4) How Plants Inherit the Earth, and (5) New Zealand and foreign seaweeds, and their uses.

Living displays are naturally short-lived, but they richly repay any extra work incurred in their preparation. The oldest institution, the Native Plant Table, is renewed weekly, thanks being due to Mr. J. E. Attwood, Mr. K. Thompson and to the Waimamaku, Opua and Kariotahi schools for their interest in this, as also in the Cheeseman Memorial Spring Show of Native Flowers, held this year from September 23rd to October 1st, and ending with a lecture by Mr. T. L. Lancaster, M.Sc., F.L.S., on "The Cultivation of Native Plants." The 260 species (mainly lowland) shown were supplemented by Mrs. A. T. Pycroft's paintings of later spring flowers. Innovations this year were (1) cases showing portraits of authors and the literature available, (2) children's wild-flower competition judged on labelling and artistic arrangement (19 book prizes distributed among 42 entrants), (3) decorative series of bouquets contributed by local florists, (4) a display of nectar plants for native birds (Mr. Falla).

For the Local Bodies evening a display of common toxic plants was arranged by the girls of the Botany Club. This summer, largely owing to the co-operation of the Director of Parks, it was possible to arrange a gay exhibition of Australian flowering gums.

School work included identifications for teachers and the preparation of a school-case showing the life-history and processing of harakeke (*Phormium tenax*). A ragwort chart for northern schools is now available. Five illustrated lectures on native timber-trees were arranged for the guide booklet to this winter's broadcast series. The long overdue revival of Arbor Day was brought about through co-operation with the Auckland Branch of the Institute of Horticulture, but it is probable that the sudden glow of interest in Auckland depended more on the appeal made by His Excellency the Governor-General.

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Fourteen lectures were given, and 75 lantern-slides were made.

The following papers were published:—

"A New Locality for *Xeronema Callistemon* W. R. B. Oliver"

"Notes on the Flora of Manihiki"

and a third, with Miss L. B. Moore, completed—"Induced Dominance of *Microlaena avenacea* (Raoul) Hook. f. in a New Zealand Rain-forest Area."

Seaweed research and breeding experiments with *Phormium* are in progress.

Mounting of the Cheeseman Herbarium proceeds slowly. Mr. G. Baylis has mounted the Orchidaceae and Miss N. Mackie has again proved most helpful. Enquiries by correspondence average about 50 in ordinary months, rising to 80 or more during exhibitions.

L. M. CRANWELL.

Ornithologist.

The most notable additions to the bird collections during the year are two collections of native birds' eggs, the first a gift of 40 sets from Mr. E. F. Stead, of Christchurch, and the second the J. C. McLean collection, deposited by Mr. B. L. Chambers, of Hawke's Bay. This contains 154 sets of eggs of New Zealand birds collected between the years 1880 and 1914. With those already in the Museum a fairly representative New Zealand egg collection is now available for reference, and good specimens of the commoner eggs for exhibition. Mr. Mappin also has presented a collection of European birds' eggs.

By Museum collecting and gift, 100 bird specimens have been obtained. The generous co-operation of several aviculturists has enabled us to make more attractive displays in the foreign bird section, especially of parrots.

In the New Zealand Bird Hall an introductory case has been arranged in four sections to illustrate bird structure, flight, migration, and flightlessness. Labels, diagrams and photographs, as well as fresh specimens, have been added in other parts of the gallery. A habitat group of the Kea has been completed, the accessory vegetation having been collected by Mr. W. Martin from kea country in Marlborough.

In the Entomological Department the reference collections have been kept in order and further arrangement and research carried out by Messrs. C. E. Clarke and J. B. Nevill. A notable addition is the purchase, made possible by the generous terms offered by the owner, of a representative collection of the bees of the world from Mr. C. Geissler. It includes social, solitary and parasitic bees, and some golden wasps. Mr. Geissler also undertook the arrangement and labelling of this collection.

Field work has been carried out at Mamaku, Hamurana, coastal islands from Cuvier to Three Kings, and at Christchurch.

Three papers have been published:—

"The King Shag of Queen Charlotte Sound." *Emu*, Melbourne.

"Macquarie Island" (collaboration with W. L. Crowther). *Emu*, Melbourne.

"New Zealand Petrels." *Rec. Auckland Inst. Mus.*

A further paper has been completed, and several articles and reports prepared for the Auckland Zoological Society and Auckland Acclimatisation Society.

In addition to lectures, twelve classes have been held for pupils from the Institute for the Blind, and sixteen for St. John's Ambulance natural history class.

Insect identifications still make up more than half of the enquiries dealt with, the total being 531.

R. A. FALLA.

Conchologist and Palaeontologist.

During the year the collections of Recent and fossil mollusca and of marine invertebrate animals have been enriched by a large number of important accessions, among which may be mentioned a large collection of marine and land molluscs from Norfolk Island, presented by Mr. H. R. Rabone, and a Giant Clam from Gilbert Islands, weighing 262 lbs., the gift of Captain Murray M. Johnstone.

A field trip to Cape Runaway, the East Coast and Napier resulted in the collection of a large number of Tertiary fossils; while trips to Coromandel Peninsula and the "Will Watch" expedition to the Three Kings and other northern islands have added greatly to the collections, as well as resulting in the discovery of a number of new species.

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Two new exhibits and a new case have been installed in the shell gallery, and a representative series of New Zealand invertebrate animals has been arranged in the Hall of New Zealand Natural History. Also many individual specimens have been added to the general display.

In addition to eight public lectures, 16 special classes were given to the children from the Institute for the Blind. Also weekly classes, several field days, and a week-end camp, were conducted for the Boys' Natural History Club. Five of the club members now correspond and exchange specimens with members of Natural History Clubs abroad.

A case dealing with shellfish-foods of the Maori has been added to the School Service.

With the assistance of Mr. A. G. Stevenson, 2,500 species in the reference collection have been arranged and labelled. The total number of permanently labelled specimens in the reference collection is now 4,885.

The following papers have been completed during the year:—

"The Marine Mollusca of the Chatham Islands."

"Marine Mollusca from the Bounty Islands."

"Upper Pliocene Fossils from Cape Runaway."

"New Recent and Tertiary Nuculanidae from New Zealand."

"New Species of New Zealand Marine Gasteropods."

"New Species of Mollusca dredged in New Zealand waters by the Royal Research Ship 'Discovery II.'"

Part four of Volume 1 of the Records of the Auckland Institute and Museum was published on September 25th. The arranging of copy and supervision of block-making and printing entailed considerable work.

An investigation, started last year on behalf of Professor Edgeworth, of Bristol University, for the purpose of securing embryos of the elephant-fish, has been successful.

Further progress was made with the ecological survey of the Waitemata Harbour, extensive work having been done on the grading and correlation of bottom sediments and the feeding range of the snapper.

Over 570 enquiries have been answered, many of them entailing correspondence, identifications, and the loan of specimens.

A. W. B. POWELL.

Assistant Ethnologist.

During the year 4,345 specimens were added to the ethnology collections. Important accessions were a number of Melanesian specimens presented by the Rev. M. K. Gilmore, and a selection of African specimens given by the Rev. J. L. Greer. Messrs. H. B. and R. B. Matthews deposited a collection of Maori articles, and Mr. C. Sarich deposited the N. M. Sarich collection of Rennell Island clubs and domestic articles. The department also acquired a fine collection of Maori specimens secured during an extensive excavation.

Additions to the display include a case of Maori weapons and implements deposited by the Arawa Trust Board, a case and a panel of additions to the Vaile collection, and a panel illustrating primitive currency. Various minor alterations and rearrangements were made and additional specimens numbering 160 were exhibited. In the Melanesian section, Miss O. M. Rutherford arranged three wall cases of New Guinea ornaments, an exhibit of lime spatulae, and New Guinea, Solomon Island and Tikopian exhibits.

The Boys' Ethnological Club, the membership of which has increased to 20, held 38 meetings. A demonstration of primitive drilling methods, carried out by the boys, was filmed. Additions to the series of school cases prepared by the department were "Maori Drilling Methods" and "Maori Plaitwork." Three sets of casts of greenstone implements and ornaments circulated amongst country schools proved popular. School teachers and others borrowed 165 specimens for educational purposes. Besides 13 outside lectures, 14 classes for children from the Blind Institute were held.

The Beatty Collection of Melanesian negatives, comprising 2,000 negatives, formed a valuable addition to the photographic section. Forty lantern slides were made, in addition to many negatives and prints.

A much needed rearrangement of the study collections has been effected and the whole of the Melanesian material has now been arranged. In addition, material from Tikopia, Rotuma, Australia, America and Africa has been classified. Much time has been spent on the arrangement of the large collections presented and on the excavated material from Thames. The classification of the Maori stone adzes according to locality has been completed, thus making the collection of greater value and interest.

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The reserve collections are now in a state which permits students to make use of them more readily, and it is gratifying to note an increase in the number availing themselves of these facilities.

A week spent in the Mercury Bay district engaged in field work resulted in the addition of a number of specimens to the collections. Day trips included visits to the Paerata, Muriwai and Helensville districts.

Enquiries during the year amounted to 316.

V. F. FISHER.

Library.

The high rate of exchange has limited the number of books that could be purchased overseas. Eighteen volumes, however, have been acquired, and 80 volumes recently ordered are due to arrive at an early date. Additions to the library by gift number 61 volumes. An early series of the Journal of the Linnean Society, comprising 32 volumes, presented by Professor A. P. W. Thomas, will be much appreciated by natural history students.

Considerable progress has been made with the binding of periodicals, both those obtained by purchase and exchanges for the "Records," 120 bound volumes having thus been added to the shelves.

It is gratifying to record that not only are new members making regular use of the library, but many members of long standing, who had not previously been aware of the scope of the library, have now become regular readers. It is hoped that a wider realization by members of the range of topics covered by the library will result in a still further number taking advantage of the library facilities.

MARSHALL C. CLELAND.

The following
Periodicals and Publications of Societies

are subscribed to by the Institute:

NATURE.
DISCOVERY.
SCIENCE PROGRESS.
REPORT OF THE BRITISH ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE.
TRANSACTIONS AND PROCEEDINGS OF THE ROYAL
SOCIETY.
COMPTES RENDUS DES SEANCES DE L'ACADEMIE DES
SCIENCES.
NEW ZEALAND JOURNAL OF SCIENCE AND TECHNOLOGY.
THE MUSEUMS JOURNAL.
THE PHILOSOPHICAL MAGAZINE.
THE AMERICAN JOURNAL OF SCIENCE.
THE PHYSICAL REVIEW.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL
SOCIETY.
JOURNAL OF THE CHEMICAL SOCIETY.
ARCHIV DER PHARMAZIE.
MONATSSHEFTE FUR CHEMIE.
THE INDUSTRIAL CHEMIST.
THE GEOLOGICAL MAGAZINE.
QUARTERLY JOURNAL OF THE GEOLOGICAL SOCIETY.
THE GEOGRAPHICAL JOURNAL.
ANNALS AND MAGAZINE OF NATURAL HISTORY.
ANNALS OF BOTANY.
JOURNAL OF BOTANY.
DAS PFLANZENREICH.
TRANSACTIONS AND PROCEEDINGS OF THE ZOOLOGICAL
SOCIETY.
THE ZOOLOGICAL RECORD.
PUBLICATIONS OF THE RAY SOCIETY.
THE IBIS.
MAN.
JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE.
ANTIQUITY.
JOURNAL OF EGYPTIAN ARCHAEOLOGY.
OCEANIA.
JOURNAL OF THE POLYNESIAN SOCIETY.
TE WANANGA.
ART IN NEW ZEALAND.
MIND.
THE ECONOMIC JOURNAL.
THE ECONOMIC RECORD.
JOURNAL OF THE STATISTICAL SOCIETY.
QUARTERLY JOURNAL OF THE ROYAL METEOROLOGICAL
SOCIETY.
THE JOURNAL OF ECOLOGY.
MANKIND.

AUCKLAND INSTITUTE AND MUSEUM.

RECEIPTS AND PAYMENTS

During the Year Ended 31st March, 1934.

	£	s.	d.		£	s.	d.
To Balance	1,014	4	2	Salaries and Wages	5,160	14	9
.. Subscriptions	371	14	0	Insurance	46	9	10
.. Subscriptions in advance	7	7	0	Library Expenditure	234	18	10
.. Life Members	21	0	0	Institute Expenses	146	5	10
.. Interest—				Specimens—			
.. Mortgage	989	10	4	.. Purchases	524	16	3
.. Debenture	387	4	4	.. Collecting and Travelling Expenses	120	8	11
.. Inscribed Stock	7	15	0	.. Preserving and Display Expenses	110	3	8
.. N.Z. Insurance	55	16	9	.. School Services Publications	266	5	8
.. Contributions from Local Bodies	5,728	1	9	.. General Maintenance	501	17	9
.. Sundry Receipts	111	8	1	Buildings—			
.. Donations	123	10	7	.. Additions	60	6	3
.. Accumulating Endowment Fund	20	0	0	.. Maintenance	7	18	9
.. Receiver Land Revenue—				.. Sundry Expenses	29	18	11
.. Sales	143	12	10	.. Show Cases and Furniture	122	19	0
.. Rent	58	1	2	Auckland Museum Maintenance Amendment Act, 1931 (see 37) Entertainment Expenses	20	13	11
				.. Sundry Debtors for Interest	35	18	2
				Transfers—			
				.. Building Reserve	200	0	0
				.. Specimen Reserve	25	0	0
				.. Life Subscription Account	21	0	0
				.. Museum Endowment Account	143	12	10
				.. Specimen Purchase Account	38	0	11
				.. Shrine Account	26	13	1
				.. Accumulating Endowment Fund	20	0	0
				Balance	1,175	2	8
	£9,039	6	0		£9,039	6	0

INCOME AND EXPENDITURE ACCOUNT.

	£	s.	d.		£	s.	d.
To Salaries	5,160	14	9	By Subscriptions	447	16	6
.. Insurance	46	9	10	.. Life Members	21	0	0
.. General Maintenance	492	13	11	.. Interest Mortgages and Debentures	1,428	18	10
.. School Service and Education	80	16	6	.. Sundries	55	16	9
.. Institute Expenses	146	5	10	.. Rents R.L.R.	58	1	2
.. Sundries	49	14	3	.. Sales R.L.R.	143	12	10
.. Building Maintenance	6	13	9	.. Contributions from Local Bodies	5,700	0	0
.. Subscriptions written off	131	5	0	.. Sundries	111	8	1
.. Transfers—				.. Donations	123	10	7
.. Museum Endowment Account	143	12	10	.. Balance	89	10	3
.. Life Subscription Capital Account	21	0	0				
.. Memorial Hall Trust Fund	26	13	1				
.. Specimen Purchase	38	0	11				
.. Depreciation Building	1,101	1	8				
.. Depreciation Furniture	734	12	8				
	£8,179	15	0		£8,179	15	0

MUSEUM ENDOWMENT ACCOUNT.

	£	s.	d.		£	s.	d.
To Transfer to Income and Expenditure Account	58	1	2	April 1st, 1933—By Balance	12,186	0	0
.. Balance at 31/3/1934—				.. Cash at Bank	939	10	0
.. Investments	13,115	0	0				
.. Cash at Bank	159	2	10	March 31st, 1934—			
	13,274	2	10	.. By Receiver of Land Revenue—			
				.. Rents and Interest	58	1	2
				.. By Sundries: Premium on Conversion of Inscribed Stock	5	0	0
				.. By Transfer from Income and Expenditure Account Land Revenue Sales	143	12	10
	£13,332	4	0		£13,332	4	0

LIFE MEMBERS' SUBSCRIPTION CAPITAL ACCOUNT.

	£	s.	d.		£	s.	d.	£	s.	d.
To Balance, 31/3/34—				By Balance, 1/4/33—						
Investments	2,056	0	0	Investments	2,014	0	0			
Cash at Bank		11	5	Cash at Bank		21	11	5		
								2,035	11	5
				By Transfer from Income and Expendi- ture Account				21	0	0
	£2,056	11	5					£2,056	11	5

MACKECHNIE LIBRARY BEQUEST ACCOUNT.

	£	s.	d.		£	s.	d.
March 31st, 1934—				April 1st, 1933—			
To Receipts and Payments Account	106	11	0	By Balance			11 17 8
„ Balance		12	4 4	March 31st, 1934—			
				By Interest			106 17 8
	£118	15	4				£118 15 4

SIR JAMES GUNSON TRUST ACCOUNT.

	£	s.	d.		£	s.	d.
March 31st, 1934—				April 1st, 1933—			
To Balance	166	11	6	By Balance			161 14 10
				March 31st, 1934—			
				By Interest			4 16 8
	£166	11	6				£166 11 6

MEMORIAL HALL TRUST FUND ACCOUNT.

	£	s.	d.		£	s.	d.
March 31st, 1934—				April 1st, 1933—			
To Balance	124	2	7	By Balance	94	10	7
				March 31st, 1934—			
				By Transfer	26	13	1
				„ Interest Auckland Savings Bank	2	18	11
	£124	2	7		£124	2	7

SPECIMEN PURCHASE FUND.

	£	s.	d.		£	s.	d.
March 31st, 1934—				March 31st, 1934—			
To Balance	38	4	10	By Transfer from Sundry Receipts	38	0	11
				„ Interest		3	11
	£38	4	10		£38	4	10

ACCUMULATING ENDOWMENT FUND.

	£	s.	d.		£	s.	d.
March 31st, 1934—				March 31st, 1934—			
To Balance	20	0	0	By Donations	20	0	0
	£20	0	0		£20	0	0

AUCKLAND INSTITUTE AND MUSEUM.

BALANCE SHEET as at 31st March, 1934.

LIABILITIES.		£	s.	d.	£	s.	d.	ASSETS.		£	s.	d.	£	s.	d.
Capital Account					422,093	1	5	Buildings—							
Museum Endowment Account					13,274	2	10	1st April, 1933	..	..	..	220,156	13	0	
Life Members' Subscription Capital A/c.					2,056	11	5	Additions	..	..	..	60	6	3	
Gunson Trust Fund					166	11	6					220,216	19	3	
Mackechnie Bequest Fund					12	4	4	Less Depreciation	..	..	..	1,101	1	8	
Sundry Creditors					12	13	8					219,115	17	7	
Subscriptions Paid in Advance					7	7	0	Furniture and Fittings—							
Memorial Hall Trust Fund					124	2	7	1st April, 1933	..	..	..	29,279	0	2	
Building Reserve Fund					619	17	6	Additions	..	..	..	106	6	11	
Specimen Reserve Fund					50	15	0					29,385	7	1	
Specimen Purchase Fund					38	4	10	Less Depreciation	..	..	..	734	12	8	
Accumulating Endowment Fund					20	0	0					28,650	14	5	
Income and Expenditure Account—								Collections—							
Balance, 1/4/33					714	17	5	1st April, 1933	..	..	..	152,117	15	6	
Less Balance 31/3/34					89	10	3	Additions	..	..	..	851	8	4	
					625	7	2					152,969	3	10	
Less Appropriations to Building Reserve	200	0	0					Library Books—							
Less Appropriations to Specimen Reserve Fund	25	0	0					1st April, 1933	..	..	..	6,236	3	3	
					225	0	0	Additions	..	..	..	311	3	0	
												6,647	6	3	
								Investments—							
								Mortgages	..	..	..	19,550	0	0	
								Debentures	..	..	..	8,766	0	0	
								Inscribed Stock	..	..	..	205	0	0	
												28,521	0	0	
								Sundry Debtors—							
								Subscriptions	..	..	..	78	15	0	
								Interest	..	..	..	476	9	6	
								Levies	..	..	..	50	0	0	
								Cash—							
								Working Account	..	..	..	1,173	12	8	
								Gunson Trust Account	..	..	..	166	11	6	
								Mackechnie Bequest Account	..	..	..	12	4	4	
								Memorial Hall Trust Fund	..	..	..	124	2	7	
								Investment Account	..	..	..	179	14	3	
								Building Reserve	..	..	..	619	17	6	
								Specimen Reserve Fund	..	..	..	50	15	0	
								Specimen Purchase Fund	..	..	..	38	4	10	
								Cash in Hand	..	..	..	1	10	0	
												£ 438,875	19	3	

The Audit Office having examined the Balance Sheet and accompanying accounts, required by law to be audited, hereby certifies them to be correct.

J. H. FOWLER,
Deputy-Controller and Auditor-General.

GILBERT ARCHIE, Treasurer.

The Auckland Institute and Museum is an educational institution which gives free service to the whole community throughout the year.

Money is urgently needed to widen its activities and increase its service to the community by the spread of knowledge among present and future citizens.

If additional help cannot be given now, a bequest would be of great value.

Form of Bequest

I give and bequeath to the Institution known as the Auckland Institute and Museum the sum of £..... free of succession or estate duty to be applicable for the general purposes of such Institution. And I declare that the receipt of the Treasurer or the proper officer for the time being of such Institution shall be a sufficient discharge for the same.

List of Benefactions
made to the
Auckland Institute and Museum
of an amount (or value) exceeding £50.

MONETARY GIFTS.

- | | |
|------|---|
| 1876 | Citizens of Auckland subscribed £2,026 towards first Museum building. |
| 1878 | Mr. J. C. Firth donated £106 for show cases. |
| 1884 | Mr. Edw. Costley bequeathed £12,150. |
| 1887 | Mr. David Nathan bequeathed £100. |
| 1897 | Mr. T. Russell donated £100 for geological specimens. |
| 1901 | Citizens of Auckland subscribed £1,000 for purchase of Mair collection. |
| 1902 | Mr. E. A. Mackechnie bequeathed £2,500. |
| 1906 | Citizens of Auckland subscribed £662 for purchase of Maori carved houses. |
| 1911 | Citizens of Auckland subscribed £584 for ancient Maori carvings. |
| 1913 | Sir John Logan Campbell bequeathed £1,000. |
| 1921 | Members of Institute subscribed £115 for pair of Temple Bronzes. |
| 1923 | Sir Wm. H. Herries bequeathed £1,000. |
| 1924 | Citizens of Auckland subscribed £698 for purchase of Maori collections. |
| 1925 | Members of Institute subscribed £100 for purchase of a Maori collection. |
| 1926 | Mr. David Goldie bequeathed £1,000. |
| 1926 | Sir James Gunson Presentation Committee presented £118 for purchase of Maori specimens. |
| 1927 | Mr. F. Shaw bequeathed £1,000. |
| 1929 | Mr. S. J. Ambury bequeathed £250. |

SPECIMENS AND BOOKS.

- | | |
|------|--|
| 1876 | Mr. R. C. Barstow: Large collection of Maori articles. |
| 1877 | Mr. G. F. Edmonston: 564 volumes of scientific works. |
| 1878 | Mr. T. Russell, C.M.G.: 34 casts from the antique. |

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- 1879-83 **Mr. J. T. MacKelvie:** 390 books and large ethnographical collection.
- 1887 **Mr. C. O. Davis:** Valuable Maori collection.
- 1901 **Mr. L. D. Nathan:** Japanese Shinto Shrine.
- 1913 **Mr. Henry Shaw:** 62 scientific books.
Mr. F. Shaw: 110 scientific books.
Hon. Sir Edwin Mitchelson: Valuable collection of Kauri Gum and Case.
- 1915 **Dr. C. E. R. Bucknill:** Collection of Old English Glass.
- 1916 **Mr. Henry Shaw:** Collection of Japanese art.
- 1917 **Miss Ruth Northcroft:** Large Maori and Polynesian Collection.
- 1919 **The Misses Yates:** Collection of Indian weapons.
- 1920 **Mr. James Dunning:** Collection of North American Mammals.
- 1921 **Mr. W. A. Aldred:** Valuable collection of Maori specimens.
Hon. J. B. Turner: Large and valuable Fijian ethnographical collection.
- 1923 **Mr. T. F. Cheeseman, F.L.S., F.N.Z.Inst.:** The Cheeseman Herbarium of native and foreign plants.
- 1924 **Mr. Wm. Sutherland, I.S.O.:** Melanesian ethnographical collection.
Mr. A. C. Caughey: Fijian and New Hebridean ethnographical collection.
Mr. R. A. Meek: Ethnographical specimens from Bismarck Group.
Messrs. Samuel Vaile & Sons: Large collection of Maori greenstone articles.
Sir Cecil Leys: and
Mrs. Selwyn Upton: The Edge-Partington ethnographical collection of over 2,000 specimens, given in memory of their father, Dr. T. W. Leys.
- 1925 **Mr. F. Crossley Mappin:** Valuable Maori and South Pacific exhibits.
- 1926 **Mr. Geo. F. Webster:** Valuable Maori antiquities.
Mr. H. R. Butcher: Collection of British coins.
Mrs. E. M. Ball: The Thos. Ball Zoological collection.
Mr. F. Crossley Mappin: Ancient Chinese ceramic specimens.
- 1927 **Mr. F. Crossley Mappin:** Valuable Maori carvings.
Mr. Moss Davis: Collection of valuable ethnographical specimens.
- 1928 **Sir Cecil Leys** and
Mrs. Selwyn Upton: Unique and richly carved feather box.
Mr. J. R. Adams Wilkes: Ethnographical collections from Nigeria and New Guinea.
Mr. Harry Kinder: The Dr. Kinder Collection—Maori and Melanesian.

AIM Ann Report 1933 to 1934

- Mr. E. Earle Vaile: Important collection of Maori stone carvings and collection of Eastern ethnographical specimens.
- Mrs. S. J. Lushington: Large and important collection of mollusca.
- 1929 Mr. T. H. Barstow: Maori canoe prows and stern posts.
- Mr. W. R. McGregor: New Ireland carved memorial figures.
- Mrs., Miss and Mr. A. N. Cooper: The Charles Cooper collection of mollusca.
- Rev. W. H. Webster: Large collection of N.Z. and foreign mollusca.
- Mr. C. E. Clarke: Large collection of N.Z. Insects.
- Executors Mr. W. M. Cole: Collection of Stone and Bronze Age Artefacts.
- Miss Webster and Mr. G. F. Webster: Water-colour drawings of the Solomon Islands.
- 1930 Mr. John Kenderdine: Large collection of books and pamphlets, including many rare works relating to the early history of New Zealand.
- Mr. H. E. Vaile: Addition to the Vaile Collection of a large collection of selected Maori implements and greenstone ornaments.
- Mr. Moss Davis: Selected Maori exhibits, including an old Maori model canoe; also porcelain and ivory exhibits.
- Mr. L. J. Matthews: Two specimens of Moa eggs, one perfect and the other nearly so.
- Dr. L. Cockayne, C.M.G., F.R.S.: A large collection of N.Z. Plants.
- 1931 Sir Cecil Leys and.
- Mrs. Selwyn Upton: Valuable Maori antiquities; addition to the Dr. T. W. Leys Collection.
- Mrs. S. J. Lushington: Collection of valuable Silver and Sheffield Plate.
- Mrs. A. C. Lennard: A large collection of English porcelain.
- 1932 Mr. H. S. Dadley: Large and valuable collection of Oriental Arts.
- Mr. Moss Davis: Collections of early British Gold and Silver Coins and of European Ivory Carvings and Bronzes.
- Hon. Sir James Parr: Collection of Gold and Silver Mementoes of public events in New Zealand, together with case for their display.
- 1933 Vaile Collection: Additional gift of a large collection of valuable Maori antiquities.
- Anonymous: Gift of an extensive ethnographical collection from Northern Melanesia.

GIFTS
TO THE
Library and Museum.

LIBRARY.
PERIODICALS.

A Set of the Journal of the Linnean Society, London, 32 vols. Professor
A. P. W. Thomas.

Transactions of the New Zealand Institute.

New Zealand Parliamentary Papers and Reports: Hansard, 1933; Monthly
Abstract of Statistics, 1933; New Zealand Journal of Agriculture, 1933;
Year Book, 1934.

Bulletins of the N.Z. Geological Survey.

Dairy Research Institute, New Zealand.

Fisheries Bulletins, The Marine Department, New Zealand.

Publications of the Free Library and Art Gallery, Auckland.

Auckland Society of Arts.

Alpine Sport, Auckland.

Publications of the Auckland University College.

New Zealand Libraries Association, Christchurch.

Records of the Canterbury Museum, New Zealand.

Bulletins of the Alexander Museum, Wanganui.

Publications of the Council of Scientific and Industrial Research, Melbourne.

Queensland Government Mining Journal.

Memoirs of the Queensland Museum.

Proceedings of the Royal Society of Queensland.

Records and Memoirs of the Australian Museum.

Bulletins of the New South Wales Department of Agriculture.

The Australian Zoologist.

The Royal Zoological Society of New South Wales.

The Australian Museum Magazine.

Bulletins and Reports of the Technological Museum, Sydney.

Journal of the Royal Society of New South Wales.

The Australian Naturalist.

Proceedings of the Linnean Society of New South Wales.

Maiden: Revision of the Genus Eucalyptus, Vol. 8, parts 71-75.

Proceedings of the Royal Society of Victoria.

Central Weather Bureau, Melbourne.

Publications of the National Herbarium of Victoria.

Proceedings of the Royal Society of Tasmania.

Transactions and Proceedings of the Royal Society of South Australia.

Records of the South Australian Museum.

Bulletins de la Société Etudes Océaniques, Tahiti.

Fijian Society, Suva, Fiji.

Kew Bulletin.

Proceedings of the Linnean Society of London.

Publications of the Horniman Museum and Library.

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Empire Marketing Board, London.
 Quarterly Bulletins and Reports of the Leicester Museum and Art Gallery.
 Proceedings and Reports of the Manchester Literary and Philosophical Society.
 Publications of the Manchester Museum.
 Journal Marine Biological Association, Plymouth.
 Transactions and Proceedings of the Royal Society of Edinburgh.
 Publications of the National Museum of Wales.
 Proceedings and Reports of the Belfast Natural History and Philosophical Society.
 Guide and Reports of the National Museum, Dublin.
 The Zoological Society of France, Paris.
 Bulletins of the Museum of Natural History, Paris.
 Annales of the Soci  t   Royal Zoologique de Belgique.
 Bulletins du Jardin Botanique de l'Etat, Bruxelles.
 Bulletins and Memoirs of the Royal Museum of Natural History, Bruxelles.
 Rijks Ethnograph Museum, Leiden, Holland.
 Publications of the Danish Biological Station.
 The Adviser of Norwegian Fisheries, Bergen, Norway.
 The University Library, Uppsala, Sweden.
 Publications D'Oceanographie Physique, Finlande.
 Senckenbergischen Bibliothek, Frankfurt, Germany.
 The Zoological Museum, Hamburg.
 The Zoological Museum, Berlin.
 Deutsches Entomologisches Institut, Berlin.
 Museum Tierkunde und V  lkerkunde, Dresden, Germany.
 Museum f  r V  lkerkunde, Hamburg.
 Zoologische Staats-Sammlung, Munchen.
 Museum of Natural History, Vienna.
 National Museum, Budapest, Hungary.
 Academy of Sciences, U.S.S.R., Leningrad.
 Publications of the Warsaw Zoological Museum.
 Bulletins of the Museum of Comparative Anatomy, Torino, Italy.
 Laboratorio Zool. Gen. and Agraria, Portici, Italy.
 Societa Toscana di Science Naturali, Pisa, Italy.
 Revista de la Academia de Ciencias, Madrid, Spain.
 Bulletins L'Institut Oceanographie, Monaco.
 Bulletins of the Zoological Survey of India, Calcutta.
 Publications of the Colombo Museum, Ceylon.
 Bulletins and Reports of the Museum, Malta.
 Bulletins of the Raffles Museum, Singapore.
 Publications of the National Research Council of Japan.
 Publications of the National Geological Survey of China.
 Sun Yat-Sen University, Canton.
 The Science Society of China, Nanking.
 The Metropolitan Library, Peking.
 Bulletins of the National Library of Peiping, China.
 Independent Biological Laboratories, Palestine.
 Annals of the Natal Museum.
 Annals of the Transvaal Museum.
 Annals of the South African Museum.
 Occasional Papers of the Rhodesian Museum.
 Bulletins and Reports, Department of Mines, Canada.
 Transactions of the Royal Society of Canada.
 Bulletins of the Royal Museum of Archaeology, Canada.
 Bulletins of the Royal Ontario Museum.

Museum and Art Notes, Vancouver Scientific Association.
 Quarterly Reports of the Vancouver City Museum.
 Proceedings and Transactions of the Nova Scotia Institute of Science.
 Royal Ontario Museum of Zoology, Toronto.
 Royal Ontario Museum of Archaeology, Toronto.
 Journal of the Pan-Pacific Research Institution, Honolulu.
 Memoirs, Bulletins and Occasional Papers of the Bishop Museum, Honolulu.
 Pacific Affairs: Mr. Archey.
 The Volcano Letter: Hawaiian Volcano Observatory.
 Bulletins of the Pan-Pacific Union.
 Proceedings and Bulletins of the U.S. National Museum.
 Annual Report and Bulletins of the U.S. Bureau of Ethnology.
 Studies in Natural History, The University of Iowa.
 U.S. Department of Agriculture: Bulletins and Circulars.
 Publications of the Southwest Museum, Los Angeles.
 Natural History and Reports, American Museum of Natural History.
 Publications of the Charleston Museum, South Carolina.
 Publications of the San Diego Society of Natural History.
 Occasional Papers, The University of Michigan.
 Publications of the Carnegie Institute.
 Publications of the Carnegie Institution of Washington.
 Publications of the Peabody Museum of Archaeology and Ethnology.
 Field Museum of Natural History—Zoological, Geological, Anthropological
 and Botanical Series.
 Journal of the Maryland Academy of Sciences.
 Journal of the Arnold Arboretum.
 Publications Biological Survey, The University of Oklahoma.
 Proceedings of the California Academy of Sciences.
 Publications of the University of California.
 Annals of the New York Academy of Sciences.
 The Emma Shearer Wood Library of Ornithology.
 The Roerich Museum, New York.
 Proceedings of the Academy of Sciences, Philadelphia.
 Bulletins, South Dakota School of Mines.
 The Chicago Academy of Sciences.
 Publications of the State College of Washington.
 Bulletins, Museum of Comparative Zoology, Harvard.
 Publications in Oceanography, The University of Washington.
 Publications of the University of Pennsylvania.
 Vancoram Review, Vanadium Corporation of America.
 Publications of the American Midland Naturalist, Indiana.
 The Hispanic Society of America.
 Marine Biology: Stanford University, California.
 Bulletins of the California State Fisheries.
 Bulletins of the Wagner Free Inst. of Science, Philadelphia.
 Annals and Bulletins of the School of Mines, Buenos Aires.
 Annals of the Geological Institute of Mexico.
 Museum of Natural History, Montevideo.
 Annuaris Observatoris Nacional de Rio de Janeiro.

REPORTS.

Auckland Acclimatisation Society.
 Auckland Zoological Society.
 Dominion Laboratory.
 Otago Museum.
 Fisheries Reports, Wellington.
 Canterbury Museum.

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Wanganui Public Museum.
 Department of Scientific and Industrial Research, Wellington.
 The Australian Museum.
 The Fisheries of New South Wales.
 Public Library and Museum, Victoria.
 Geological Survey of Western Australia.
 Queen Victoria Museum, Launceston, Tasmania.
 Museum and Art Gallery, Bristol.
 The Egypt Exploration Society.
 Yorkshire Philosophical Society.
 The Free Public Museums, Liverpool.
 Public Libraries and Museum, Derby.
 Norwich Castle Museum.
 City of Nottingham Museum.
 Mappin Art Gallery, Sheffield.
 Stoke on Trent Museum.
 Colchester and Essex Museum.
 Belfast Museum and Art Gallery.
 National Museum of Ireland, Dublin.
 The Rhodesian Museum.
 The American Museum, New York.
 John Crerar Library, U.S.A.
 Carnegie Museum, Pittsburgh.
 National History Museum, Genève.

BOOKS.

Humbolt's Works:—Mr. C. J. O'Keeffe.
 Royal Illustrated Atlas:—Mr. C. J. O'Keeffe.
 Masefield: The Old Front Line:—Mr. C. J. O'Keeffe.
 Doyle: The Great Boer War, 1900:—Mr. C. J. O'Keeffe.
 Bowlis: Poetical Works, 2 Vols.:—Mr. C. J. O'Keeffe.
 Hogarth: Ionia and the East:—Mr. C. J. O'Keeffe.
 Illustrated War News, 6 Vols.:—Mr. Archey.
 Nicholls: Ten Generations of a Potting Family:—Mr. W. G. Douglas.
 McKay: The Steam Engine and the Air Compressor:—The Author.
 Deep-Sea Angler Fishes:—Professor Johannes Schmidt.
 Bate: English Table Glass:—Dr. C. E. R. Bucknill.
 Satchell: The Greenstone Door:—Mrs. E. D. M. Doust.
 Maori Bible:—Mr. W. Nicols.
 Presbyterian Maori Service Book:—Rev. J. G. Laughton.
 Hooker's Icones Plantarum, Vol. 2, p. 4:—Sir A. W. Hill.
 Modern Indian Architecture:—Mr. C. R. Ford.
 White's Ancient History of the Maori, Vols. 1 and 2:—Mrs. Dr. Lang.
 Lundborg: The Race Biology of the Swedish Lapps, Part 1:—Miss L. MacGeorge.
 Mathews, G. M.: The Birds of Norfolk and Lord Howe Is.:—The Author.
 Hume: Nests and Eggs of Indian Birds:—Mr. A. L. Davenport.
 Thomas: The Rod in India:—Mr. A. L. Davenport.
 Jerdon: The Mammals of India:—Mr. A. L. Davenport.
 Le Messurier: Game, Shore and Water Birds of India:—Mr. A. L. Davenport.
 "Terra Nova" Report, Vol. 4, No. 6:—British Museum (Natural History).
 Wood: An Introduction to the Literature of the Vertebrate Zoology:—Mr. L. T. Griffin.
 Mahomets Alkoran 1658:—Mr. Charles Smith.
 The Canterbury Cathedral Chronicle:—Mrs. Payne.

LIST OF ACCESSIONS.

- Messrs. William Adams and Sons: Adams blue Jasper-ware jug.
 Mrs. M. S. Alabone: Mounted pheasant and kiwi.
 Dr. H. H. Allan: Collection of wild and cultivated oats; copy of portrait of Linnaeus; Herbarium sheet of *Linnaea borealis*.
 Mr. L. W. Alexander: Corinthian oil flask, antique stained glass and other antiquities.
 Mr. F. J. Anderson: Large Snake Eel.
 Mr. Anderson: Specimen of Red Mullet.
 Anonymous: Long-tailed and Shining Cuckoo.
 Mr. A. L. Anstiss: Stick Insect.
 Arawa Trust Board: Historical Maori tribal heirlooms, deposited.
 Mr. J. E. Attwood: Wooden *Tima* and other Maori implements from Mangatiti: collection of fossils.
 Auckland Returned Soldiers' Association: Membership card in the Auckland Returned Soldiers' Association of H.R.H. the Prince of Wales: deposited.
 Auckland Zoological Park: Toucan, Sacred Ibis and other foreign birds.
 Australian Museum: Specimens of Australian eels.
 Mr. W. Ayrton: Gold watch by James Markwick: deposited.
 Miss Betty Barfoot: Green Lizard from One Tree Hill.
 The Hon. Alport Barker: Collection of Fijian fishes.
 Miss Barrington: Puriri moth.
 Mr. F. C. Baskett: Fine *Hoanga* from St. Heliers.
 Mrs. B. Bates: Box made of mutton bones by exiles of Siberia in 1830: deposited.
 Mrs. E. F. Bathgate: Stick Insect.
 Mrs. Beamish: Stone adze from Chatham Islands.
 Mr. A. D. Beddie: Packet of cured N.Z. grown Tobacco from Petone.
 Mr. C. Bishop: Mollusca from England and Trinidad.
 Mr. G. J. Black: Auracanian Indian bows and arrows.
 Mr. H. Bolitho: Facsimile letters of Abraham Lincoln and W. M. Thackeray.
 Mr. Geo. J. Booklass: Collection of British and German hand-grenades.
 Mrs. Adeline Boyle: Mementoes of the 58th Regiment.
 Mr. S. W. Brakenrig: Specimens of fossil *Teredo*.
 Mrs. R. Bregmen: Case of mounted kiwis.
 Mr. J. A. Brewerton: Specimens of *Anguilla australis*.
 Mrs. M. Brien: Stone adze and grooved stone from Port Waikato.
 Captain Victor Brisson: Adzes and pounders from Rapa Island and south-eastern islands of Polynesia.
 The British Phosphate Commissioners: Collection of ethnographical specimens from Nauru Island.
 Mr. W. R. Broughton: Fine stone adze, and carved bird spear of bone from Poverty Bay.
 Mr. Brown: Tambua, or whale's tooth pendant, from Tasewa Group.
 Mrs. R. Buchanan: Song Thrush.
 Dr. C. E. R. Bucknill Collection: Old sermon glass.
 Mrs. Bucknill: Maori implements from Tauranga; ammonites from England.
 Mrs. Bunyard: Collection of butterflies from India.
 Mrs. J. K. Campbell: Bleeding-breast Pigeon from Philippine Islands.
 Mr. J. Campbell: Impression of rib-bone of fossil cetacean from Ngaruawahia.
 Capt. H. E. Carey: Model of four-masted barque "Indore": deposited.
 Mr. J. O. Carlson: Brassard issued during early period of War to Returned soldiers: deposited.

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- Canon A. J. Carr: Four specimens of *Paryphanta hochstetteri obscura* from Pelorus Sound.
- Mrs. R. C. Carr: Jaws of tiger shark.
- Mr. B. L. Chambers: J. C. McLean collection of N.Z. and foreign birds' eggs, skins, pamphlets and field notes: deposited.
- Dr. H. A. Chatfield: Sparrow with deformed bill.
- Mr. Clark: Specimen of outcrop quartz from Waitakaruru.
- Dr. A. S. Clark: Specimens of fossil mollusc *Chione crassitesta* Finlay from Hawke's Bay.
- Mr. G. E. A. Clarke: Silver basin and jug from the Sultan's Palace, Zanzibar: deposited. African and Indian ethnographical specimens.
- Dr. Leonard Cockayne: Wood-cut portrait of Linnaeus.
- Mr. A. S. Collins: Large centipede.
- The Colonial Sugar Refining Co.: Samples of sugar-cane.
- Mr. D. D. Connell: Concretion of siderite, from Bombay.
- Mr. A. A. Corban: Collection of wine-grapes from Henderson.
- Mr. E. Couldrey: Iron fish-hook from Maraetai.
- Mr. James Corcoran: Large slender *Ko* from Torehape, Hauraki.
- Mr. A. J. Cox: Mementoes of South African War; earthenware drinking cup, New Mexico.
- Mr. Arthur H. Cranwell: Large stone *toki*; marble specimens from Roman quarries at Algiers and Athens.
- Mr. R. B. Cranwell: Stone adze found at Hamilton.
- Mr. A. N. Crawford: Lt.-General Birdwood's message to men of Australian and N.Z. Forces, 1916.
- Mrs. G. E. Crawley: Five documents in connection with 58th Regiment.
- Mr. G. T. Crawley: Collection of Maori stone and wood implements from Puahue.
- Mr. Cruickshank: Diamond sparrow.
- Mr. H. Crump: Womerah from N. Queensland; specimens of Australian timbers.
- Mr. A. J. Cryer: Specimen of lava cast round tree stump from East Tamaki.
- Miss M. J. Cummins and Mr. C. D. C. Cummins: Collection of silver and Sheffield plate and miniatures: deposited.
- Mrs. H. S. Dudley: Six Japanese knives in sheaths, also collection of Burmese copper vases, trays and vessels: deposited.
- Mr. C. R. Dalley: Land snails from Norfolk Islands.
- Mr. W. E. Daly: Stone adze from Mangaotaki.
- Capt. Daniels: Globe Fish.
- Mrs. I. Daniell: Collection of Tertiary fossils from King Country.
- Captain G. Humphreys-Davies: Spirit specimen of pearl oyster with two large-sized cultured pearls and a seed pearl, from Japan; Shinto charm: sage green pottery dish of Celadon ware; stone adze from Rarotonga.
- Mr. W. C. Davies: Four lantern slides of the Waipoua Forest kauri tree.
- Miss Pat. Davy: Young black-backed gull.
- Mr. Balfour Dawson: Stone *toki* from Cape Colville.
- Mr. A. B. Deeming: Pomarine Jaeger (*Coprotheres pomarinus*).
- Mr. L. W. Delph: Moa crop stones from Mangawai.
- Discovery Committee: Paratypes of 16 new species of mollusca in N.Z. waters.
- Mr. L. T. Donaldson: Marine deep water sponge and polychaete from off Cape Brett; large cup-sponge and a *Xenophora* mollusc; deep water sponges and Bryozoans.
- Mrs. E. M. Douglas: Bow and bundle of arrows.
- Mr. H. B. Douslin: Glass model of the Cullinan diamond.
- Mr. C. W. Dover: Budgerigar.

- Mr. R. C. Dowle: Maori adzes from Mercury Bay.
 Mr. A. Downey: *Hoanga* from Woodhill.
 Dunfermline Museum: Four pebble-hammers from Wakapatu, Foveaux Strait.
 Mr. W. G. Dunstan: Specimen of tobacco grown and manufactured by Geo. Dunstan in 1913, also rope of nikau fibre from Sunday Island.
 Mr. A. K. Duthie: Moa gizzard stones from Homai.
 Mr. F. H. Earl: *Ko*, or Maori spades.
 Mr. G. Easton: Stone adzes.
 Mr. G. I. Ellis: Large square of tapa from Niue Island.
 Mr. A. F. Ellis, C.M.G.: Model of "Flying Canoe" from Apiang, Ellice Islands.
 Mr. W. J. Evers: Stick insect from Waiheke Island.
 Mr. F. J. Ewart: Turkish cartridges for machine gun belt from Gallipoli.
 Dr. J. M. Falkiner: Leaf insect from Ceylon; the smallest eagle (*Microhierax melanoleucus*) from Assam.
 Mr. W. D. Farley: Long-finned Albacore, from Whatipu.
 Mr. J. W. Ferguson: Large wooden maul, adzes and wood and stone implements from Te Awamutu.
 Mr. J. Ferriman: Mementoes of Queen Victoria's coronation and coronation of King George.
 Mrs. J. W. Finlayson and Miss Fiona Finlayson: Specimens of shelf fungi.
 Mr. C. W. Firth: Several collections of Rock specimens.
 Mrs. Flynn: Fossil mussel from Paihia.
 Mr. C. E. Ford: Specimens of kauri gum.
 Mrs. L. F. Ford: Collection of Rarotongan seaweeds.
 Mr. E. T. Frost: Leaves and plant of Tung tree; skull of Blackfish from Mangonui; Moa remains from Doubtless Bay.
 Mr. K. Claire Frost: First penny postcard. Issued in 1890.
 Master Lincoln Frost: Bones of a Moa chick from Doubtless Bay.
 Miss Briar Gardner: Hand-made pottery vases for native plant table.
 Rev. M. K. Gilmore: Ethnographical specimens from Trobriand Island and D'Entrecasteaux Island.
 Mr. Gilmour: Weevil from Waitakere Dam.
 Mr. Noël Gilson: Specimen of Limonite from Wellsford.
 Mr. W. A. Given: Specimen of the Raft Fish from Whangarei Heads.
 Mr. L. G. Godfrey: Volcanic hailstone from Taumarunui.
 Mr. W. R. Golden: Twenty-three old coins; and additions to the war collection.
 Lt-Colonel A. A. Grace: Taiari or Necklace of shaped pieces of bone.
 Mrs. A. Graham: Important early newspaper issues.
 Mr. Geo. Graham: Woven grass bag; Ti' qa, head and shaft from Fiji; *Tima*, and bark for making headbands.
 Mr. E. Gray: Stone adze.
 Mr. J. A. Green: Flax-beater from Turua.
 Rev. J. L. Greer: Coconut grater, model of a dhau and other articles from Africa.
 Mr. T. F. Grey: Postal Stationery of New Zealand and Dependencies and records of historical events.
 Mr. E. M. Guest: Herbarium material of *Coxella Dieffenbachii* from Chatham Islands.
 Mr. D. Hadlow: Human skull and jaw bone.
 Mr. T. A. Chappe Hall: Samples of Maori plaiting fibres.
 Mr. Harold Hamilton: Fossil pearl of *Pedalion zealandia* Suter from Petane, Hawke's Bay. Two stone lip ornaments, bone fish-hook shank and stone pendant.

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- Mr. H. B. Harper: Melanesian stone adze.
 Mr. J. Harper: Specimen of circular-saw shell, *Astraea heliotropium*; collections of mollusca from Pakiri; Maori adzes.
 Miss E. Harrington: Stone adzes and other implements: deposited.
 Mr. E. O. Harrison: Tobacco pipe-moulds.
 Misses Patricia and Joan Hastings: Gecko (*Dactylocnemis granulatus*) from Titirangi.
 Mrs. H. J. Hayward: Tabletop inlaid with N.Z. timbers: deposited.
 Mr. Cedric Heath: *Piupiu*, Maori waist-mat.
 Mr. J. H. Heavy: German horse-shoe from Gallipoli.
 Mr. G. W. Henderson: Collection of Maori and natural history specimens.
 Mr. J. Henley: Map of the Longueval Area (Somme, 1916).
 Mr. W. Henley: Swainson Loriquet.
 Mr. A. B. Herrold: Buddhist palm leaf Bible written with dry stylus, from Burma.
 Mrs. S. Hewson: Maori stone adze and sea shells.
 Misses Hy. Hill: Macrame lace collar and piece of Rose Point lace.
 Mr. R. Hill: Large stone toki from Mangaotaki: deposited.
 Mr. Hoe: Sandstone cutter from Muriwai.
 Mrs. J. M. Hogan: Maori and Melanesian ethnographical articles.
 Mr. E. C. Hoggard: Fossil *Euspinacassis*.
 Mr. W. K. Howitt: Five adzes and Kahawai fish-hook. Pebbles from Hut Point, Victoria Land. Moa gizzard stones from Stanley Bay. Wind and sand-worn pebble from Patea.
 Mr. W. F. Huffam: Leg bones of moa and extinct rail, Takaka Hills.
 Mr. G. Rowland Hutchinson: Blue-shouldered Green Bulbul. French newspaper, "Le Petit Journal," 1916. Red-backed Parrot.
 Mrs. E. H. Ingle: Collection of Indian articles.
 Department of Internal Affairs: Two Woodpigeons, one Tui and one North Island Crow from Pirongia.
 Mr. J. N. Jansen: Steel blue sawflies and affected timber.
 Mr. Claude J. Jellie: War postcards and documents.
 Captain Murray Johnstone: Giant clam, *Tridacna gigas*, from Gilbert Islands.
 Mr. N. D. Jones: Stone adzes and other Maori implements.
 Mr. J. C. Keesing: Large stone adze from Waiheke Island.
 Miss K. Keesing: Bairnsfather plate, "The Better 'Ole"; carved ivory and porcelain.
 Mr. A. E. Kemp: Stone adzes from Cape Runaway.
 Mr. H. F. Kemp: Specimen of the Unicorn Ribbon Fish.
 Mr. Norman Kemp: Large concretion; powder horn used in Maori War; small stone adze.
 Mrs. J. Kenderdine: Three plans of the Ngatapa Pa, Poverty Bay.
 Mr. W. T. Kenderdine: Sinter from White Terrace, Rotomahana; echinoderms from Lord Howe Island.
 Mr. Kirby: Specimen of N.Z. Turbot.
 Mr. R. A. Laidlaw: Chevroned pendant made from whale's tooth.
 Mr. R. M. Laing: Specimens of red seaweeds.
 Lands Department: Map of the Waikato District; plan of Orakau Pa.
 Mr. E. B. Langford: Three specimens of the snail *Paryphanta compla-*
 Mr. Leach: Plan of Fort Britomart in 1866.
 Wah Lee and Co.: Specimens of preserved edible seaweed.
 Mr. W. Lee: Fernroot beater and adze handle.
 Mr. Charles Leith: Large specimen of paper nautilus, *Argonauta nodosa*.
 Mr. E. G. le Roy: Specimen of crested Weed Fish.
 Major E. Levien: Collection of War documents: deposited.

- Mr. Noel Livingston: Collection of Jamaican timber samples, natural history and ethnographical articles; set of white metal coins.
- Mr. A. H. S. Lucas: Three sheets of marine algae.
- Mr. A. G. Lunn: Tasmanian wasp nest. Partially baked siliceous mud.
- Mr. H. A. Lurman: Bird spear, adzes and other Maori implements.
- Mr. D. W. MacClure: German propaganda lithographs.
- Rev. Angus MacDonald: Specimens of shelf fungi.
- Mr. Kenneth Mackenzie: Papuan skull with hole trepanned by native surgeon.
- Mr. T. Macky and Mr. W. G. Macky: Large wooden food bowl and other stone and wood implements from swamp at Paterangi.
- Miss Mann: Section of Hoheria.
- Mr. F. C. Mappin: Birds' eggs from Great Britain; greenstone *pekapeka* and other ethnographical specimens; Bittern.
- Mr. A. S. Martin: Specimen of sea-slug, *Glaucus*.
- Mr. G. A. Martin: Photograph of N.Z. 4th Contingent, 1900; Maori skull.
- Mr. Wm. Martin: Several botanical specimens, from Marlborough.
- Messrs. H. B. and R. B. Matthews: Collection of New Zealand and Australian ethnographical specimens; deposited.
- Mr. H. B. Matthews: Collection of N.Z. birds' eggs.
- Mr. L. Maxwell: Ethnographical specimens from New Guinea.
- Mr. A. D. Mead: Specimen of basanite.
- Mr. Meikle: Tobacco plant.
- Mr. H. Meredith: Fossil shark's tooth, *Notidanus dentatus*.
- Miss M. K. Mestayer: Subantarctic specimens of mollusca.
- Mr. J. Middleton: Old Indian manuscript; deposited.
- Mr. J. C. Miller, Jr.: Kahikatea knot.
- Mr. M. H. Miller: Collection of Natural History specimens from Fiji.
- Mr. A. Mitchell: Stone *toki*, and *onewa mere*.
- Mr. H. Tai Mitchell: Maori head in kauri gum.
- Mr. T. Morrin: Stone adzes.
- Miss Ada Morrison: Austrian glass vase.
- Mrs. Mouat: Two specimens of *Paryphanta giliesi*.
- Mr. E. J. Munro: Ethnographical articles from Tauranga.
- Mr. Ian Munro: Stone adzes.
- Mr. L. McCracken: Wooden eel-killer.
- Mr. H. McCraith: *Toki* from Coromandel.
- Mr. McDavitt: Hornblende from Taranaki, and other geological specimens.
- Mr. J. McKenzie: Specimen of *Senecio sciadophilus*.
- Mr. G. McLeod: Geological specimens from Devonport.
- Mr. D. McVean: Three Maori adzes.
- Lt.-Col. C. N. Newman, D.S.O.: Earthenware dish made in 1658; deposited.
- Mr. W. Nicol: Maori Bible; instrument for bleeding horses.
- Mrs. E. E. Nielson: Plate from Captain Hobson's dinner service.
- Mr. O. E. Nielson: Piece of greenstone and shell armband from Solomon Islands.
- Miss A. Nilson: Collection of stones, showing wind erosion.
- Mr. J. O'Connor: Skull from Motutapu; species of Siphunculid worm.
- Mr. J. O'Halloran: Fossil specimens from Glen Murray.
- Mr. C. J. O'Keeffe: Prints and records of historical events.
- Mr. A. S. O'Neil: Specimen of *Lepidopus elongatus*.
- The Countess of Orford: Commemorative Medal of 5th Earl of Orford.
- Mr. Roche O'Shea: Map of Gallipoli.
- Otahuhu Returned Soldiers' Club: War pamphlets.
- Mr. N. Owen: Specimen of Mirror Dory.
- Mr. Duncan W. Palmer: Canoe from Solomon Islands.

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- Mr. Parker: Nine stone adzes.
- Mr. L. O. B. Partridge: Large model canoe from Ellice Islands, and other ethnographical articles.
- Mrs. H. A. Pearce: Polynesian mollusca.
- Mr. E. Perks: Budgerigar.
- Mr. M. Perrott: Stone *toki* from Ruawai.
- Mr. F. H. Pickwick: Pair of Chinese pottery ridge tiles.
- Mr. C. H. Pitts: Collection of ethnographical articles and "Tower" musket.
- Mr. T. Plummer: Maori articles from Tauranga.
- Mr. and Mrs. Pocock: Wooden fernroot beater from Kaimarama.
- Mrs. E. M. Pomeroy: Human skull from New Lynn.
- Mrs. Porter: Various specimens of marine growths.
- Mr. S. D. Potter: Parson Finch and Yellow-vented Bulbul.
- Colonel H. R. Potter, C.M.G.: Badges of Reinforcements of N.Z. Expeditionary Force.
- Mr. A. W. B. Powell: Stone hammer from Muriwai.
- Mrs. Paice: Ethnographical specimens from Kawhia.
- Mr. A. T. Pycroft: Shell bead armlet; land mollusca from Hen and Chickens Islands.
- Mr. H. R. Rabone: Collection of shells from Norfolk Island.
- Messrs. Radleys: Tree snake from Fiji.
- Mr. Rathbone: Specimen of *Shama*.
- Miss Eunice Reekie: Eighteen lantern slides.
- Sir Carrick Robertson: Stone adze and stone rubber from Piopio.
- Mr. I. F. Robertson: Gordian worm.
- Mr. R. Roman: Old jet brooch.
- Mr. D. Ross: Specimen of Globe fish.
- James Royce and Co.: Photographs of tea-growing in Ceylon.
- Mr. C. Sarich: Collection of ethnographical specimens from Rennell Island and Santa Cruz; deposited.
- Mr. A. W. Scown: Mounted sea lion.
- Mr. R. T. Seccombe: Ethnographical specimens from Pirongia.
- Mr. Semadeni: Collection of shells and an adze from Te Atatu.
- Mr. H. W. Seton-Karr: Collection of prehistoric stone implements.
- Mr. Shakespeare: Molluscan fossils from Manawatu River.
- Mr. Tom Shearman: Stone bored by mollusca.
- Mr. F. J. Simmonds: Kaffir pillow from East Africa.
- Miss Sinclair: Elephant tusk ruler.
- Mr. C. R. Skeet: Two stone canoe anchors.
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- Mr. E. F. Stead: Collection of N.Z. birds' eggs and nests.
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- Mr. Walter Swanson: Greenstone *Kaka poria*.
- Mr. C. R. Tapper: River-canoe figure-head from Maketu.
- Mr. James Taylor: Maori stone implements from Hakei.
- Mr. A. E. Taylor: Siliceous concretion from Glen Massey.
- Professor A. P. W. Thomas: Sulphide ore from Waihi mine, 1896.
- Mr. John Thomson: Maori artifacts and moa bones from Waiuku.
- Capt. W. C. Thomson: Pestle and mortar from Coromandel.

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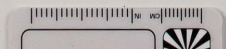
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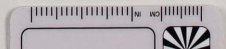
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